



Form PTO-1449 Modified		Docket No. CELL-0308/PA535-USw01	Application No. 10/562,769
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sam Philip Heywood, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date June 27, 2006	Group Not Yet Assigned
		Confirmation No. 7843	
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Begg, et al., "Mass spectrometry detection and reduction of disulfide adducts between reducing agents and recombinant proteins with highly reactive cysteines," <i>J. of Biomolecular Techniques</i> , 1999 , 10, 17-20	
	2	Bird, R.E., et al., "Single-chain antigen-binding proteins," <i>Science</i> , 1988 , 242, 423	
	3	Burns, J., et al., "Selective reduction of disulfides by tris(2-carboxyethyl)phosphine," <i>J. Org. Chem.</i> , 1991 , 56, 2648-2650	
	4	Chapman, A.P., et al., "Therapeutic antibody fragments with prolonged in vivo half-lives," <i>Nature Biotechnology</i> , 1999 , 17, 780-783	
	5	Chapman, A.P., et al., "PEGylated antibodies and antibody fragments for improved therapy: a review," <i>Advanced Drug Delivery Reviews</i> , 2002 , 54, 531-545	
	6	Dubowchik, G.M., et al., "Receptor-mediated and enzyme-dependent targeting of cytotoxic anticancer drugs," <i>Pharmacology and Therapeutics</i> , 1999 , 83, 67-123	
	7	Ellison, D., et al., "Photoreduction of monoclonal antibodies for conjugation and fragmentation," <i>Biotechniques</i> , 2000 , 28(2), 324-326	
	8	Getz, E.B., et al., "A comparison between the sulfhydryl reductants tris(2-carboxyethyl)phosphine and dithiothreitol for use in protein biochemistry," <i>Analytical Biochemistry</i> , 1999 , 273, 73-80	
	9	Han, J.C., et al., "A procedure for quantitative determination of Tris(2-carboxyethyl)phosphine, an odorless reducing agent more stable and effective than dithiothreitol," <i>Analytical Biochemistry</i> , 1994 , 220, 5-10	
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	11	Humphreys, D.P., et al., "Formation of dimeric fabs in <i>Escherichia coli</i> : effect of hinge size and isotype, presence of interchain disulphide bond, Fab' expression levels, tail piece sequences and growth conditions," <i>J. of Immunological Methods</i> , 1997 , 209, 193-202	

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	12	Humphreys, D.P., et al., "A plasmid system for optimization of Fab' production in <i>Escherichia coli</i> : importance of balance of heavy chain and light chain synthesis," <i>Protein Expression and Purification</i> , 2002 , 26, 309-320
	13	Leach, S.J., et al., "The electrolytic reduction of proteins," <i>Div. Protein Chem.</i> , 1965 , 4, 23-27
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	16	Mountain, A., et al., "Engineering antibodies for therapy," <i>Biotechnol. Genet. Eng. Rev.</i> , 1992 , 10, 1-142
	17	Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , 1989 , 86, 3833-3837
	18	Riechmann, L., et al., "Reshaping human antibodies for therapy," <i>Nature</i> , 1988 , 322, 323
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	20	Rüegg, U.T., et al., "Reduction cleavage of cystine disulfides with tributylphosphine," <i>Methods in Enzymology</i> , 1977 , 47, 111-126
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	22	Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," <i>Methods in Enzymology</i> , 1995 , 251, 167-173
	23	Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," <i>Immunol. Rev.</i> , 1982 , 62, 119-158
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	25	Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 1989 , 341, 544-546

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
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	35	WO 91/09967 A1	07/11/91	PCT		
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